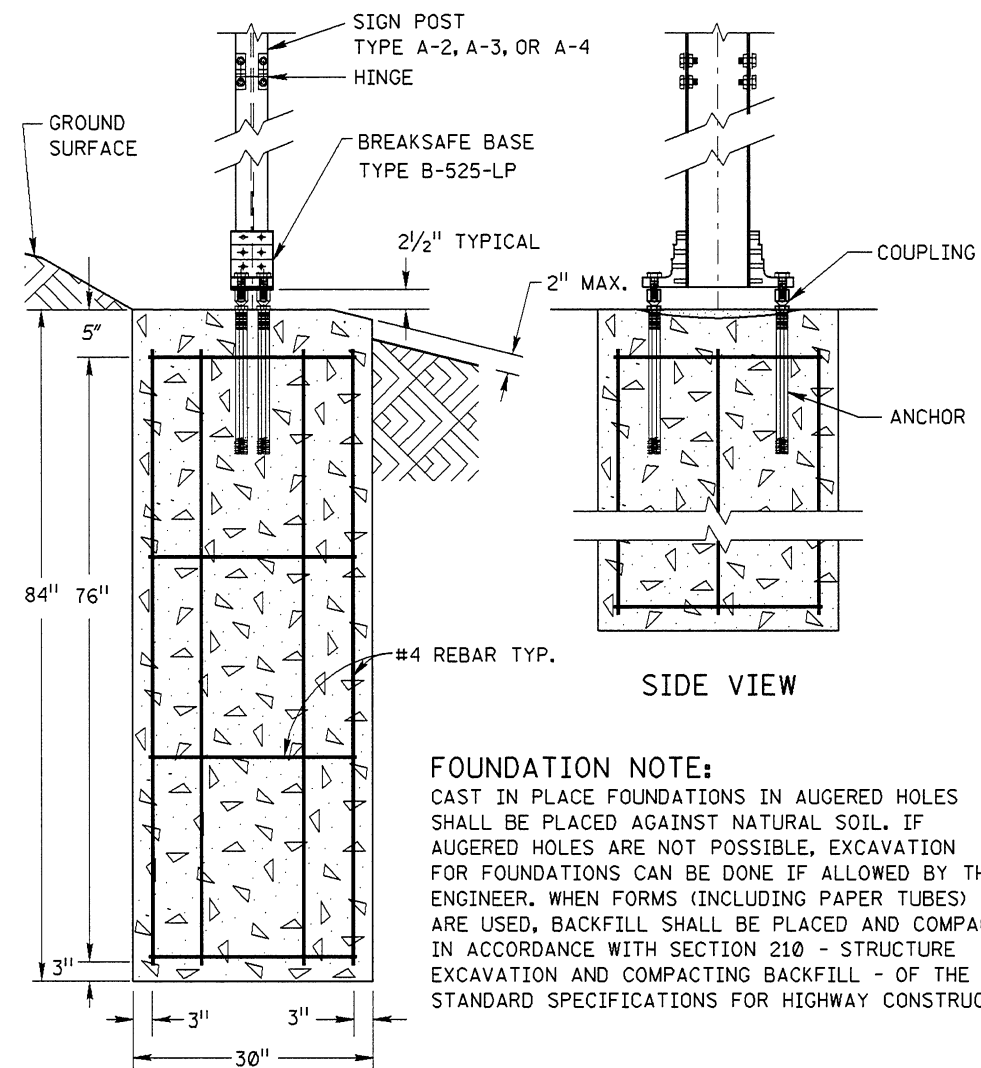


DIMENSION B FOR SIGN POST TYPES A-2, A-3, AND A-4		
BREAKSAFE SYSTEM TYPE B-525-LP		
BRACKET #1	BRACKET #2	BRACKET #3
DEPTH OF POST SECTION PLUS 7 15/16"	DEPTH OF POST SECTION PLUS 8 1/16"	DEPTH OF POST SECTION PLUS 8 1/8"

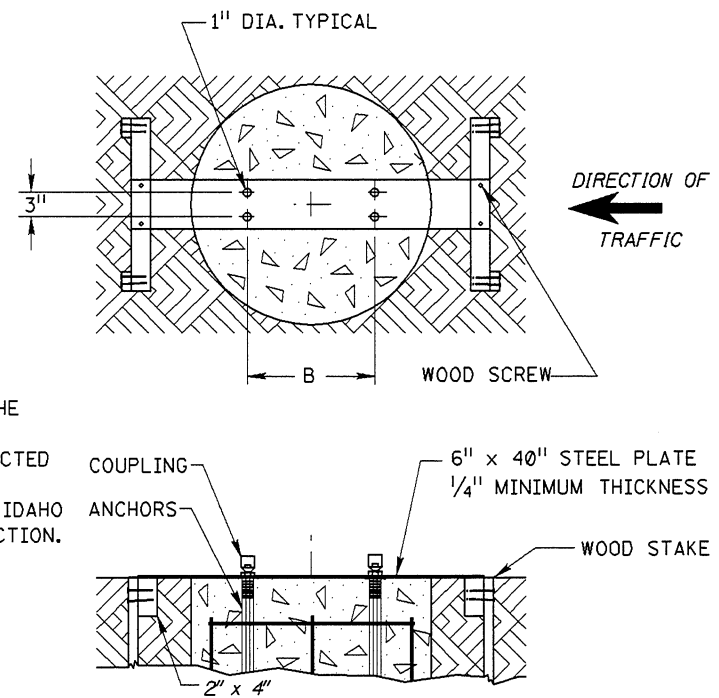
SIGN POST ANCHOR INSTALLATION CHART



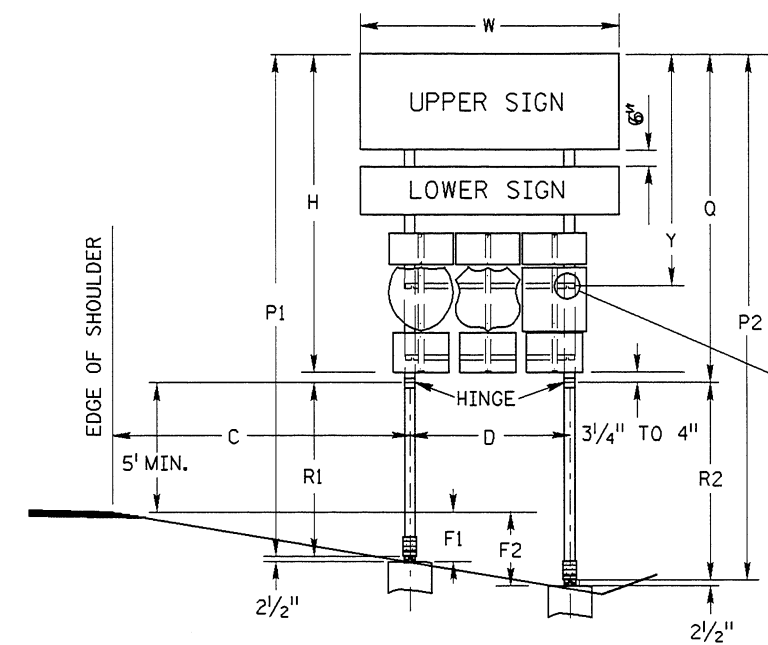
FOUNDATION NOTE:
CAST IN PLACE FOUNDATIONS IN AUGERED HOLES SHALL BE PLACED AGAINST NATURAL SOIL. IF AUGERED HOLES ARE NOT POSSIBLE, EXCAVATION FOR FOUNDATIONS CAN BE DONE IF ALLOWED BY THE ENGINEER. WHEN FORMS (INCLUDING PAPER TUBES) ARE USED, BACKFILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH SECTION 210 - STRUCTURE EXCAVATION AND COMPACTING BACKFILL - OF THE IDAHO STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

MATERIAL QUANTITIES	
CONCRETE	1.3 CU. YDS.
6 VERT. RODS	38 LN. FT.
4 HOOPS	27.13 LN. FT.

TYPE B FOUNDATIONS



TYPICAL ANCHOR TEMPLATE FOR POST TYPE A-2, A-3, & A-4

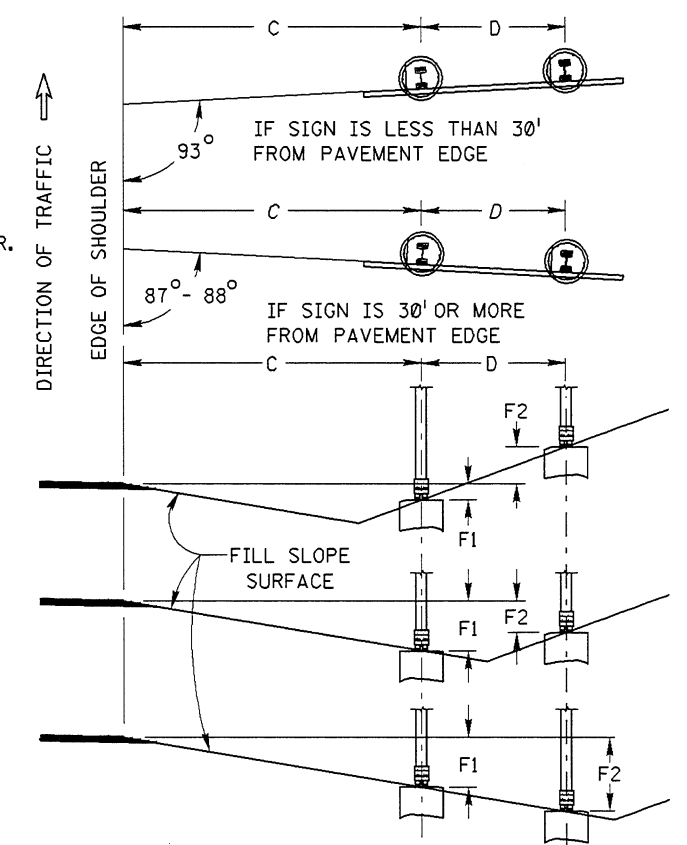
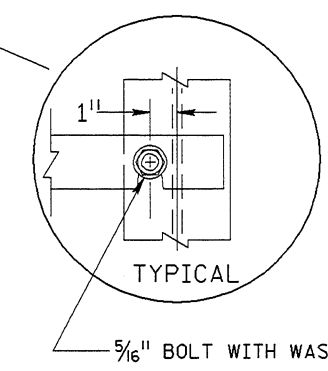


TYPICAL SIGN INSTALLATION WITH ROUTE MARKERS

- LEGEND**
- C DISTANCE FROM EDGE OF SHOULDER TO CENTER LINE OF FIRST POST.
 - D DISTANCE BETWEEN POSTS.
 - F VERTICAL DISTANCE FROM THE TOP OF FOUNDATION UP TO THE ELEVATION OF THE EDGE OF THE SHOULDER.
 - P TOTAL POST LENGTH.
 - Q LENGTH OF UPPER POST.
 - R LENGTH OF LOWER POST. (7' MIN.)
 - H OVERALL HEIGHT OF SIGN FACE(S).
 - W OVERALL WIDTH OF SIGN FACE(S).
- NOTES:**
- SEE SIGNING ERECTION SPECIFICATIONS FOR DIMENSIONS OF EACH SIGN INSTALLATION.
 - ANCHOR TEMPLATES SHOULD BE DESIGNED SO THE ANCHORS ARE HELD SOLID AND LEVEL. AN ACCURACY OF 1/16" IS REQUIRED.
 - NO PART OF THE FOUNDATION OR NON-BREAKAWAY PART OF THE BASE SHOULD PROTRUDE MORE THAN 2" ABOVE THE GROUND SURFACE.
 - FOUNDATION REBAR CAGES MAY BE WELDED IF THE REBAR CONFORMS TO ASTM A706/A706M AND ALL WELDING CONFORMS TO ANSI/AWS D1.4 (STRUCTURAL WELDING CODE - REINFORCING STEEL).
 - CONCRETE FOUNDATIONS SHALL CURE FOR A MINIMUM OF 7 DAYS BEFORE ANY LOADING IS APPLIED.

NO. OF SIGNS	SIGN PANEL HEIGHT	Y
1	2'-0"	3'-1"
1	3'-0"	4'-1"
2	2'-0"	5'-7"
2	3'-0"	7'-7"
2	2'-0"	6'-7"
2	3'-0"	

NOTE:
INCREASE "Y" DIMENSION 12 1/2" WHEN A 24" x 12" AUXILIARY SIGN IS MOUNTED ABOVE THE ROUTE MARKERS ATTACHED TO THE SIGN BRACKETS.



TYPICAL FOUNDATION LOCATION

REVISIONS									
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY	NO.
1	04-94	HEB							
2	08-96	HEB							
3	07-98	HEB							
4	12-99	HEB							

SCALES SHOWN ARE FOR 11" x 17" PRINTS ONLY
CADD FILE NAME 18b21299.std
DRAWING DATE: APRIL, 1992

IDAHO TRANSPORTATION DEPARTMENT
BOISE, IDAHO



Assistant Chief Engineer (Development)
Chief Engineer

STANDARD DRAWING
BREAKAWAY SIGN POST INSTALLATION
TYPE A-2, A-3, & A-4
REQUIRES STD. DWG. I-8-B-1

STANDARD DRAWING NO.
I-8-B-2
SHEET 1 OF 1

